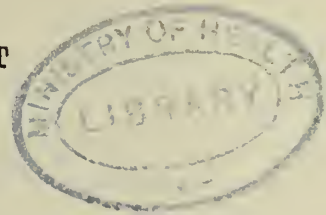


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A R N O L D
URBAN DISTRICT COUNCIL

A N N U A L R E P O R T
of the
MEDICAL OFFICER OF HEALTH
for the Year 1947



PUBLIC HEALTH OFFICERS OF THE
LOCAL AUTHORITY

Medical Officer of Health: P.H.Deeny, M.B., B.Ch., D.P.H.,
Barrister-at-Law. (Resigned March, 1947)

Acting Medical Officer of Health: B.C.Stevens, M.D., F.R.C.S., Ed.,
D.P.H., (Resigned November, 1947)

A.B.Clark, M.B., B.S., D.P.H.,
(Appointed November, 1947)

Chief Sanitary Inspector: F.Harrison, C.R.S.I., (a) (b)

Additional Sanitary Inspector: P.Kirkham, M.S.I.A., (a)
(Appointed April, 1947)

Health Visitors: Mrs. K.M.Hughes, S.C.M., M.R.San.I.
H.V.(certificate R.S.I.)

Mrs. C.V.Bogatyrow, S.R.N., S.C.M.,
H.V.(certificate R.S.I.)

Clerks: F. H. Jew.

E. D. Collins.

Ambulance Driver: E. Baxter.

- (a) Sanitary Inspector's Certificate of the Royal Sanitary Institute and Sanitary Inspector's Examination Joint Board.
- (b) Certificate of the Royal Sanitary Institute for Inspectors of Meat and Other Foods.

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

RESEARCH REPORT

1. The purpose of this study was to determine the effect of temperature on the rate of reaction between hydrogen peroxide and potassium iodide in the presence of a catalyst. The reaction was carried out at various temperatures ranging from 10°C to 40°C. The rate of reaction was measured by the volume of oxygen gas evolved over a fixed period of time. The results showed that the rate of reaction increased with increasing temperature, and the activation energy of the reaction was calculated to be 50 kJ/mol.

2. The effect of the concentration of the reactants on the rate of reaction was also studied. The reaction was carried out at a constant temperature of 25°C, and the concentration of hydrogen peroxide was varied while the concentration of potassium iodide was kept constant. The results showed that the rate of reaction increased with increasing concentration of hydrogen peroxide, and the order of reaction with respect to hydrogen peroxide was determined to be 1.5.

3. The effect of the concentration of the catalyst on the rate of reaction was also studied. The reaction was carried out at a constant temperature of 25°C, and the concentration of the catalyst was varied while the concentrations of the reactants were kept constant. The results showed that the rate of reaction increased with increasing concentration of the catalyst, and the order of reaction with respect to the catalyst was determined to be 1.

4. The effect of the presence of a catalyst on the rate of reaction was also studied. The reaction was carried out at a constant temperature of 25°C, and the rate of reaction was compared for the reaction with and without a catalyst. The results showed that the rate of reaction was significantly higher in the presence of a catalyst, and the activation energy of the reaction was calculated to be 50 kJ/mol.

5. The effect of the presence of a catalyst on the activation energy of the reaction was also studied. The reaction was carried out at a constant temperature of 25°C, and the activation energy of the reaction was calculated for the reaction with and without a catalyst. The results showed that the activation energy of the reaction was significantly lower in the presence of a catalyst, and the activation energy of the reaction was calculated to be 50 kJ/mol.

ARNOLD URBAN DISTRICT COUNCIL

ANNUAL REPORT - 1947

TO: The Chairman and Members of the
Arnold Urban District Council

Mr. Chairman, ^{Ladies} and Gentlemen,

I submit herewith the Annual Report for the year 1947 upon the Health Services of the Urban District of Arnold. It is gratifying to record that the health of the population generally continues satisfactory and that the vital statistics compare very favourably with the figures for the 148 Smaller Towns and are better than those for England and Wales.

VITAL STATISTICS

<u>Population:</u>	20,660			
<u>Births:</u>	Live	460	(Male 239	Female 221)
	Still	11	(Male 4	Female 7)
<u>Illegitimate</u>				
	Live	17	(Male 8	Female 9)
	Still	-	(Male -	Female -)
<u>Deaths:</u>		224	(Male 115	Female 189)
Deaths under 1 year		14	(Male 8	Female 6)

(Of the 14 deaths of children under 1 year, 4 - 2 males and 2 females - were due to prematurity and 2 males and 1 female due to congenital malformation, birth injuries and infantile disease.)

Maternal Deaths: Nil

Birth Rate: Live: 22.26 per 1,000 population
Still: 0.53 " " "

Death rate: 10.84

Infantile Death Rate: 30.43 per 1,000 live births.

COMPARATIVE FIGURES:

	<u>ARNOLD</u>	<u>England & Wales</u>	<u>148 Smaller Towns</u>
Live Birth rate	22.26	20.50	22.20
Still Birth rate	0.53	0.50	0.54
Death rate	10.84	12.00	11.90
Infantile Mortality rate	30.43	41.00	36.00
Diarrhoea and enteritis under 2 years per 1,000 live births	2.17	5.8	3.7
Puerperal fever and pyrexia per 1,000 total births (live & still)	2.17	7.16	6.27

The excess of births over deaths is 236 and the live births - 460 - are 30 more than the figure for 1946.

The Infantile Mortality Rate of 30.43 per 1,000 live births is very much lower than that for the last year (44.2) and lower than the rate for the country as a whole (41.00) The 148 Smaller Towns is 36.0

The deaths are 11 less than in 1946 and as last year over one-third of the deaths occurred in persons of 75 years and upwards.

There was 1 less child born to unmarried mothers (18 in 1946) and one only died before reaching the age of 1 year. Three such illegitimate children died in 1946.

DISEASES NOTIFIED in 1947.

DISEASE	TOTAL NUMBER	DEATHS	REMOVED TO HOSPITAL
Acute Poliomyelitis	1	-	1
Cerebro-Spinal Fever	1	-	-
Diphtheria	2	-	2
Erysipelas	-	-	-
Measles	118	-	-
Ophthalmia Neonatorum	4	-	-
Pneumonia	2	12	-
Puerperal Pyrexia	1	-	-
Scarlet Fever	21	-	11
Whooping Cough	26	-	3
Tuberculosis (Pulmonary)	22	8	-
(Other forms)	3	2	-

Notifiable and other Special Diseases:

Acute Poliomyelitis:

There was a widely scattered incidence of this disease throughout the country, but only one case occurred locally.

Diphtheria:

The local incidence has been slight, only two cases being notified all of which made good recoveries. The number of notifications corresponds with that for last year and the very low incidence during the two years in question is undoubtedly a direct result of the active immunisation campaign which has been carried on since 1941, both locally and nationally.

Measles:

There has been an increase in the number of cases from 52 in 1946 to 118 for the year under report.

Scarlet Fever:

21 cases were notified, which number is almost the same as that for 1946 - (25)

Scabies:

26 cases (10 cases in 1946) were notified. Soap, ointment, lotions, etc., were supplied by the Health Department and a cleansing centre was available at the Council Offices. All cases were examined by the Medical Officer of Health who directed treatment and gave a certificate when cured. The Scabies Order, 1941, ceased to operate on 31st December, 1947, and for dealing with verminous conditions reliance must now be placed on the normal Statutory powers as contained in the Public Health Acts.

Tuberculosis:

There has been a considerable increase in the number of notifications during the year under report when 25 cases were notified and there were 10 deaths. During 1946 there were 16 notifications and 4 deaths.

Whooping Cough:

The incidence of this disease has been slight, 26 cases being notified and compared well with the 25 notifications in 1946.

Cancer:

Forty deaths occurred from this cause.

IMMUNISATION - DIPHTHERIA

As in previous years facilities have been available at the Clinics held by your Council's Medical Officer of Health to carry out this work at Arnot Hill House and Mapperley with the assistance of the Health Visitors.

Number immunised: 379 (Total of 3,728 since February, 1941)
 Reinforcing infections: 239
 Percentage of child population protected 77.7%
 " " school children protected (5-14 years) 93.3%
 " " pre-School " " (0-5 years) 54.0%

CAUSE OF DEATH:

	Male	Female
Cerebro-Spinal Fever	-	-
Tuberculosis (Pulmonary)	3	5
" (other forms)	1	1
Syphilitic diseases	1	1
Influenza	1	-
Acute infectious encephalitis	-	-
Cancer	20	20
Diabetes	1	2
Intra-cranial vascular lesions	10	15
Heart Disease	20	21
Other diseases of the circulatory system	7	4
Bronchitis	13	9
Pneumonia	8	4
Other respiratory diseases	3	1
Ulcer of the Stomach or Duodenum	3	-
Diarrhoea under 2 years	-	1
Appendicitis	1	-
Other digestive diseases	1	1
Nephritis	4	6
Premature Birth	2	2
Congenital malformations, birth injuries, etc.	2	1
Suicide	3	2
Road Traffic Accident	-	-
Other violent causes	4	4
All other causes	7	9
	<u>115</u>	<u>109</u>
	TOTAL 224	

The commonest cause of death is due to heart and circulatory diseases followed by cancer and respiratory diseases. No maternal deaths have been notified.

100

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

| TUBERCULOSIS. | | New cases | | Deaths
(old and new cases) | | | |
|---------------|-----------------|-----------|-------|-------------------------------|-------|-------|-------|
| | | Resp. | | Non-Resp. | | Resp. | |
| | | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. |
| Age Group | | | | | | | |
| 1 | - 5 years | 1 | 1 | - | - | - | - |
| 5 | - 15 " | - | - | - | - | - | - |
| 15 | - 25 " | 2 | 3 | - | - | - | 1 |
| 25 | - 35 " | 4 | 5 | 1 | 1 | 1 | 1 |
| 35 | - 45 " | 2 | 2 | 1 | - | - | - |
| 45 | - 55 " | 1 | - | - | - | - | - |
| 55 | - 60 " and over | 1 | - | - | - | - | - |
| TOTALS | | 11 | 11 | 2 | 1 | 3 | 5 |
| | | | | | | 1 | 1 |

There are seven more cases than in the previous years.

| | |
|--|-----|
| Number on the register, 1st January, 1947 | 108 |
| Number added or restored to the register | 25 |
| Number removed from the register | 15 |
| Number on the register, 1st January, 1948. | 118 |

Localisation of Disease in New Cases:

| | Male | Female |
|-------------|------|--------|
| Respiratory | 11 | 11 |
| Other forms | 2 | 1 |
| | 13 | 12 |
| TOTAL | | 25 |

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA:

Laboratory Facilities:

The services of the City Laboratory, Nottingham, are available for the examination of specimens for bacteriological and pathological diagnoses.

Samples of milk and other foods are delivered for examination to Mr. W. W. Taylor, B.Sc., F.R.I.C., City Analyst, Nottingham.

AMBULANCE SERVICE:

The Council provides an Ambulance Service which is operated by means of one Ambulance only. During the year the following cases were dealt with:

Number of cases removed:

| | |
|--------------------|-------------|
| Emergencies | 213 |
| Maternity | 75 |
| Accidents | 79 |
| Treatments | 422 |
| Examinations | 205 |
| Fracture Clinic | 76 |
| Home from Hospital | 142 |
| Deep X-Ray | 24 |
| Requests | 10 |
| B. I. D. | 8 |
| | <hr/> |
| | TOTAL 1,254 |

Number of miles travelled by Ambulance:

| | |
|--------|--------|
| Morris | 11,685 |
| Ford | 349 |
| | <hr/> |
| TOTAL | 12,034 |
| | <hr/> |

Receipts:

| | | | |
|------------------------|-------|-------|-------|
| Maternity Charges | £28. | 17. | 6d |
| Colliery Charges, etc. | 20. | 10. | - |
| | <hr/> | <hr/> | <hr/> |
| | £ 49. | 7. | 6d. |

MATERNITY & CHILD WELFARE SERVICES:

The Maternity and Child Welfare Services continue to flourish and the success of this service is reflected in the vital statistics and in particular the low figure for infant mortality is very encouraging

Ante-Natal and Post-Natal Clinics:

These Clinics are attended by a rota of four General Practitioners who can in case of necessity refer cases to the Consultant Obstetrician for advice and treatment.

Mr. Malkin, F.R.C.S., has carried out the duties of Consultant Obstetrician for this district. The midwives for the area are provided by the Nottinghamshire County Council.

A scheme was evolved during the year for the care of the unmarried mother but there was no occasion to use it.

The Ante-natal and Post-natal Service functioned smoothly and satisfactorily during the year under review.

The following Clinics are held:-

| | | |
|---------------------------|-----------------------------------|-------------------------|
| <u>Ante-natal Clinics</u> | - | <u>Arnot Hill House</u> |
| | Tuesday afternoon | 2 p.m. - 4 p.m. |
| | " morning | 11 a.m. |
| <u>Post-natal Clinics</u> | | <u>Arnot Hill House</u> |
| | First and third Friday afternoons | |
| | at 2 p.m. - 4 p.m. | |

Attendance Figures for Clinic:

Ante-natal and post-natal clinics 915 (975 in 1946)

Child Welfare Services:

The Child Welfare Service functioned satisfactorily during the year and the work of your Health Visitors is reflected in the increased number of home visits and attendances at Clinics.

Your Medical Officer of Health was the Medical Officer in charge of the Clinics and also for diphtheria immunisation. The Consultant Staff of the Nottingham Children's Hospital, Nottingham and North Midland Eye Infirmary and the Cripples Guild were utilised as specialists during the year and the scheme has worked admirably.

The following clinics are held:-

Arnot Hill House

Wednesday and Thursday afternoons

2 - 4.30 p.m.

Cavendish Street Clinic

Monday afternoon

2 - 4.30 p.m.

Mapperley (1A, Plains Rd) Clinic

Friday afternoon

2 - 4.30 p.m.

Supply of Welfare Foods and Vitamins:

Welfare foods are supplied at all the Child Welfare Clinics and also vitamins are available and distributed for the Ministry of Food at these clinics. The supply of vitamins is very encouraging and the Ministry of Food reports show that the district is usually second for the supply of orange juice and cod liver oil for the whole of the County and fourth for the supply of vitamin capsules.

Attendance Figures for Clinics:

| | |
|----------------------|-------------------|
| Arnot Hill House | 6,075 |
| (2 Clinics per week) | |
| Mapperley | 1,900 |
| Cavendish Street | 3,053 |
| Total | 11,028 |
| | (9,699 in 1946) |

Home Visiting Figures:

| | |
|----------------|-------------------|
| Routine Visits | 3,978 |
| | (3,770 in 1946) |

Premature Children:

The necessary equipment for the care of the premature child is held at the Welfare Clinic in case this is required in the home. A scheme for the hospitalization of the premature child and the services of the County Consultant was organised during the year with the County Authorities.

Diphtheria Immunisation Services:

Your Medical Officer of Health has been the Medical Officer responsible for this service during the year. The scheme has worked well and the immunisation state of the child population is satisfactory.

| | <u>Child Population.</u> | <u>Number immunised</u> | <u>%</u> |
|------------|--------------------------|-------------------------|----------|
| Pre-school | | | |
| children | 1,900 | 1,023 | 53.8 |
| School | | | |
| children | 2,900 | 2,075 | 93.2 |
| Total | 4,800 | 3,728 | 77.5 |

The success of this service is reflected in the fact that only one case of diphtheria was reported in a school child under the age of 10 years. This case was non-fatal, the child being immunised some years previously.

Diphtheria Clinics:

Clinics are held as follows:

Arnot Hill House:

Last Friday in the month - 2 - 4,30 p.m. Extra clinics are held on the second Friday afternoon if necessary.

Mapperley Clinic:

First Friday in the month - 9,30 - 11.30 a.m. This clinic also caters for the neighbouring Carlton U.D. children.

Attendances:

Arnot Hill Clinic

818

Mapperley Clinic

49 together with

203 cases for Carlton U.D.

Daily Guardians:

There are 62 registered daily guardians looking after 68 children.

Home Help Service:

A service was available in the district for part-time Home Helps.

Dental Services:

Dental treatment was available for Ante-natal and Post-natal mothers and also for pre-school children at the school clinic and the services of the Dental Officer of the Notts. County Council were utilised. The following cases were dealt with:

EXPECTANT AND NURSING MOTHERS

| | |
|--------------------------------|-----|
| Referred for dental inspection | 112 |
| Attendances made | 344 |
| Inspected | 87 |
| Commencing course of treatment | 47 |
| Extractions | 277 |
| "Gas" Administrations | - |
| Fillings inserted | 108 |
| Impressions taken for dentures | 73 |
| Dentures inserted | 49 |
| Miscellaneous operations | 74 |
| Completed cases | 53 |

PRE-SCHOOL CHILDREN

| | |
|--------------------------------|----|
| Referred for dental inspection | 8 |
| Attendances made | 15 |
| Inspected | 8 |
| Commencing course of treatment | 9 |
| Extractions | 7 |
| "Gas" Administrations | - |
| Fillings inserted | 13 |
| Teeth dressed | 1 |
| Miscellaneous operations | - |

Nursing in the Home.

Arnold, Woodthorpe and Daybrook District Nursing Association maintains 3 District Nurses who carry out the general nursing in the area.

Infectious Disease and Hospital Accommodation:

During the year the Infectious Disease Hospital maintained by the South Notts. Joint Hospital Board at Debdale Hall, Nr. Mansfield, was closed on account of difficulty of obtaining staff.

All cases of infectious disease requiring hospital treatment now have to be sent to Isolation Hospitals owned by other authorities which are able and willing to receive them. Whilst this arrangement has worked reasonably well, extreme difficulty has been experienced in one or two instances in obtaining accommodation, and should an epidemic occur there is no doubt that the position would be very serious.

SANITARY CIRCUMSTANCES OF THE AREA

Water Supply.

The district is supplied from Nottingham Corporation mains, and is satisfactory in quantity and quality and samples are regularly taken by the Nottingham Corporation Water Department. The water has no plumbo-solvent action.

All houses in the district - apart from a very few habitations of a temporary character - have a mains supply laid on.

There are wells in the district but these are used by business firms for commercial purposes only.

Sewerage:

Whilst the water carriage system prevails throughout the major portion of the district there are a few houses in the more distant parts of the area drained to cesspools.

Waste Water Closets:

There are approximately 160 houses in the district which use this method of disposal which is insanitary and a source of complaint by the users. It is hoped that this method of disposal will be discarded in the near future.

House Refuse:

Regular collections are made of house refuse, which is disposed by a system of "controlled tipping". Weekly collections of dry refuse were carried out during the year with the exception of February, when the heavy snowfall reduced collections to a 10 day interval.

Controlled Tip:

More intensive soiling of the Tip was carried out as material became more available with resumption of building. The Tip was treated with Gammexane Powder for Cricket infestation. This was chiefly in the Spring and Autumn and also daily dusting of the new face.

EXTRACT FROM THE REPORT OF THE PUBLIC ANALYST
Year Ending 31st December, 1947.

| Articles purchased for Analysis | Examined by the Inspector | | Analysed by Public Analyst | | Result of proceedings taken in respect of adulterated samples |
|---------------------------------|---------------------------|---------|----------------------------|------------|---|
| | No. | Correct | Incorrect | No. Result | |
| Coffee and Chicory | | | | 1 | Genuine |
| Cream filling Powder | | | | 1 | The word "cream" not justified with percentage of fat only 1.50 |
| Forcing | | | | 1 | Genuine |
| Gravy salt | | | | 1 | do |
| Jam, Damson | | | | 1 | do |
| Kruschen salts | | | | 1 | do |
| Lenoline | | | | 1 | do |
| Margerine | | | | 1 | do |
| Milk | 25 | 25 | | | |
| Milk, condensed | | | | 1 | Genuine |
| Mincemeat | | | | 1 | do |
| Pudding mixture | | | | 1 | do |
| Red cabbage | | | | 1 | do |
| Spork | | | | 1 | do |
| Sulphur tablets | | | | 1 | do |
| Syrup of figs | | | | 1 | do |
| Vanilla flavouring | | | | 1 | do |
| | | | | | <u>Heat treated milk</u> |
| | | | | | <u>Taken. Correct. Incorrect</u> |
| | | | | | 23 15 8 |
| Totals | 25 | 25 | | 16 | |

MILK (SPECIAL DESIGNATIONS) REGULATIONS, 1936-46

EXAMINED BY THE COUNTY BACTERIOLOGIST

| | No. of samples taken | Complied | Failed to comply. |
|-------------------|----------------------|----------|-------------------|
| Tuberculin tested | - | - | - |
| Accredited | 6 | 6 | - |
| TOTAL | 6 | 6 | - |

[illegible]

10000. The mol. wt. of the polymer is 10000. The polymer is a polyethylene glycol (PEG) of molecular weight 10000. The polymer is a polyethylene glycol (PEG) of molecular weight 10000.

Informal Samples of Milk tested by the
Inspectors by the "Gerber" Tester.

| | | Correct | Incorrect |
|--|----|---------|-----------|
| No. of samples taken by Inspectors | 21 | 21 | - |
| No. taken at Farms | - | - | - |
| No. submitted by Milk Vendors to Insp. | - | - | - |
| TOTALS: | 21 | 21 | - |

Inspection and Supervision of Food.

(a) MILK.

| | | |
|----------------------|--|----|
| (1) <u>Producers</u> | (a) No. on Register at 31st December 1947 | 14 |
| | (b) No. of Inspections during year | 21 |
| | (c) No. of defects and unsatisfactory conditions found | 3 |
| | (d) No. of defects or unsatisfactory conditions remedied | 3 |
| (2) <u>Retailers</u> | (a) No. on Register at 31st December 1947 | 16 |
| | (b) No. of Inspections during year | 36 |
| | (c) No. of defects or unsatisfactory conditions found | 4 |
| | (d) No. of defects or unsatisfactory conditions remedied | 4 |

Milk (Special Designation) Regulations:
Licences in operation during 1947:

| | |
|---|---|
| (a) For production and sale of Pasteurised Milk | 2 |
| (b) For sale of Pasteurised Milk | 4 |
| (c) For sale of other designated milks | 4 |

HOUSING:

(1) Inspection of dwelling houses during the year:

| | | |
|---------|---|------|
| (1) (a) | Total number of dwelling houses inspected for housing defects (Under Public Health or Housing Acts) | 1411 |
| (b) | Number of inspections made for the purpose | 3741 |
| (2) (a) | Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1936 | Nil |
| (b) | Number of inspections made for the purpose | Nil |
| (3) | Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | Nil |
| (4) | Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation | 503 |

(2) Remedy of defects during year without Service of Formal Notices:

| | |
|--|-----|
| Number of defective houses rendered fit in consequence of informal action by the Local Authority or their Officers | 490 |
|--|-----|

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100

(3) Action under Statutory Powers during the year:

- (1) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936:
 - (a) Number of dwelling houses in respect of which notices were served requiring repairs Nil
 - (b) Number of dwelling houses which were rendered fit after service of formal notices:
 - (i) By Owners Nil
 - (ii) By the Local Authority in default of the owners Nil
- (2) Proceedings under Public Health Acts:
 - (a) Number of dwelling houses in respect of which notices were served requiring defects to be remedied 13
 - (b) Number of dwelling houses in which defects were remedied after the service of formal notices
 - (i) By Owners 4
 - (ii) By the Local Authority in default of Owners 4
- (3) Proceedings under Sections 11 and 13 of the Housing Act 1936:
 - (a) Number of dwelling houses in respect of which Demolition Orders were made Nil
 - (b) Number of dwelling houses demolished in pursuance of Demolition Orders Nil
- (4) Proceedings under Section 12 of the Housing Act 1936:
 - (a) Number of separate tenements or underground rooms in respect of which Closing Orders were made Nil
 - (b) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit Nil

(4) Housing Act 1936. Overcrowding:

It is almost impossible to give any figures relating to Overcrowding as no complete survey is available. Cases are reported to the Department and are followed up but it is felt that many more cases exist which have not been brought to the notice of the Authorities.

At 31st December 1947 there were 382 families without separate houses on your Council's Waiting List.

Number of new houses built.

The new houses built during the year are:

| | |
|----------------------------|-----------|
| (a) By the Local Authority | 51 |
| (b) By Private enterprise | 35 |
| Total.. | <u>86</u> |

The numbers of post-War houses erected are therefore:

| | |
|---------------------------------------|------------|
| (a) By the Local Authority: Permanent | 74 |
| Prefabricated | 50 |
| Temporary Hutments | - |
| (b) By Private enterprise: | <u>117</u> |
| Total | <u>241</u> |

During 1947 two houses were converted into 4 flats and one house and shop was completed.

Factories Act 1937.

| | |
|---|-----|
| Number of Factories on Register 1947 | 26 |
| Number of Inspections 1947 | 52 |
| Number of unsatisfactory conditions found | 4 |
| Number of unsatisfactory conditions remedied | 4 |
| Number of prosecutions instituted during year | Nil |
| Number of inspections of Outworkers premises | 95 |

Summary of Sanitary Inspections and Visits:

| | |
|--|------|
| (1) Number of Complaints received and registered during 1947 | 685 |
| (2) Total number of Inspections during 1947 | 4343 |
| (3) Total number of Nuisances and defects dealt with during 1947 | 1031 |
| (4) Total number of Notices served in 1947 | |
| (a) Informal | 503 |
| (b) Statutory | 13 |
| (5) Total number of Notices complied with in 1947 | |
| (a) Informal | 517 |
| (b) Statutory | 9 |
| (6) Total number of re-inspections and re-visits (included in (2) above) | 1997 |

As I only took up the appointment as your Medical Officer of Health during the early part of 1948, it is difficult to comment upon the work carried out during 1947.

The compilation of this report has necessitated much delving amongst records and this has been made more laborious owing to resignation of your Medical Officer early in 1947 and that there has been two Acting Medical Officers since.

It is hoped that a more comprehensive survey of the activities of your Health Department will be made in the reports of future years.

I desire to express my gratitude to the Staff of the Health Department for their great assistance in compiling this report and also to my fellow Officials for their assistance.

I wish also to acknowledge the kind support that I have received from the Chairman and Members of the Council.

I am, Ladies and Gentlemen,

Your obedient Servant,

H. D. B. NORTH

Medical Officer of Health.

